ESTIMATION OF IN-SITU THERMAL PROPERTIES ASSUMING
A LINEAR, HOMOGENEOUS AND ISOTROPIC ROCK

by

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ABSTRACT

This report describes a field experiment to be carried out at the Mining Research Laboratories as part of the radioactive waste disposal project. One of the objectives of this experiment will be to confirm or deny the applicability of rock mechanics techniques and their associated numerical procedures, such as finite-element modelling, in predicting temperature and thermal stress fields induced by an electric heater buried underground in a mine.

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